

CLAIMS

What is claimed is:

1. A communication apparatus comprises:

means for mapping a plurality of logical channels into one physical channel; and

means for transmitting a signal over the physical channel,

wherein the means for mapping varies the mapping in accordance with a frequency of changes in information to be transmitted over each of the logical channels.

2. The communication apparatus as claimed in claim 1, wherein the means

for mapping carries out the mapping by varying an occurrence frequency of each of the logical channels in the physical channel.

3. The communication apparatus as claimed in claim 1, wherein the means for mapping fixes, for at least one of the logical channels, a position in the physical channel into which the logical channel is to be mapped.

4. The communication apparatus as claimed in claim 1, wherein the communication apparatus is a base station and the information to be transmitted over the logical channels includes a reverse interfering power amount at the base station.

5. The communication apparatus as claimed in claim 1, wherein the communication apparatus is a base station, and the information to be transmitted over the logical channels includes control channel information on a contiguous cell or the own cell of the base station.

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